

Amendments to the Specification

Please replace the existing Sequence Listing, found on pages 57-63 of the specification, with the substitute Sequence Listing (pages 1-37) submitted herewith.

Please substitute the paragraph beginning on page 12, line 1, with the following paragraph:

FIGURE 10. Abolition of zVAD/zDEVD-sensitive cleavage of PS2 by replacement of Asp-326 or Asp-329. (a) Consensus ICE/Ced-3 protease cleavage sites located after Asp326 or Asp329 (indicated by vertical arrows A and B, respectively) at the PS2 loop domain encoded by exon 11 (SEQ ID NO:19). Note that normal cleavage sites are located in the distal region encoded by exon 10 (SEQ ID NO:19) (originally called exon 9) (Perez-Tur, J., et al. NeuroReport 7:297-301 (1995)). (b) Effect of D326A and D329A mutations on the generation of the 20 kDa PS2 fragment. Inducible constructs encoding C-terminal FLAG epitope-tagged PS2 with indicated mutations (wild-type, D308A, D326A, and D329A) were transiently transfected into tetracycline-responsive founder H4 cells. Cells were grown in the presence of tetracycline (induction) for 24 hours, and further incubated in the presence of 20 μ M etoposide for 9 hours. Samples were then analyzed by Western blotting using α PS2Loop or anti-FLAG.